

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022515\
 Data File : BF077451.D
 Acq On : 26 Feb 2015 1:29
 Operator : IZ / TP
 Sample : G1358-09
 Misc : S/DOD
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-15-9.5

Quant Time: Feb 26 04:59:57 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 26 04:51:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	97637	20.00	ng	0.00
21) Naphthalene-d8	8.86	136	398898	20.00	ng	0.00
38) Acenaphthene-d10	11.04	164	202107	20.00	ng	0.00
63) Phenanthrene-d10	12.88	188	406039	20.00	ng	0.00
75) Chrysene-d12	16.16	240	429975	20.00	ng	0.00
86) Perylene-d12	17.87	264	416788	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	363142	62.09	ng	0.00
7) Phenol-d6	6.84	99	498999	66.36	ng	0.00
23) Nitrobenzene-d5	7.97	82	270807	42.22	ng	0.00
41) 2,4,6-Tribromophenol	12.02	330	124123	63.78	ng	0.00
44) 2-Fluorobiphenyl	10.21	172	559919	43.20	ng	0.00
78) Terphenyl-d14	14.88	244	702953	38.22	ng	0.00

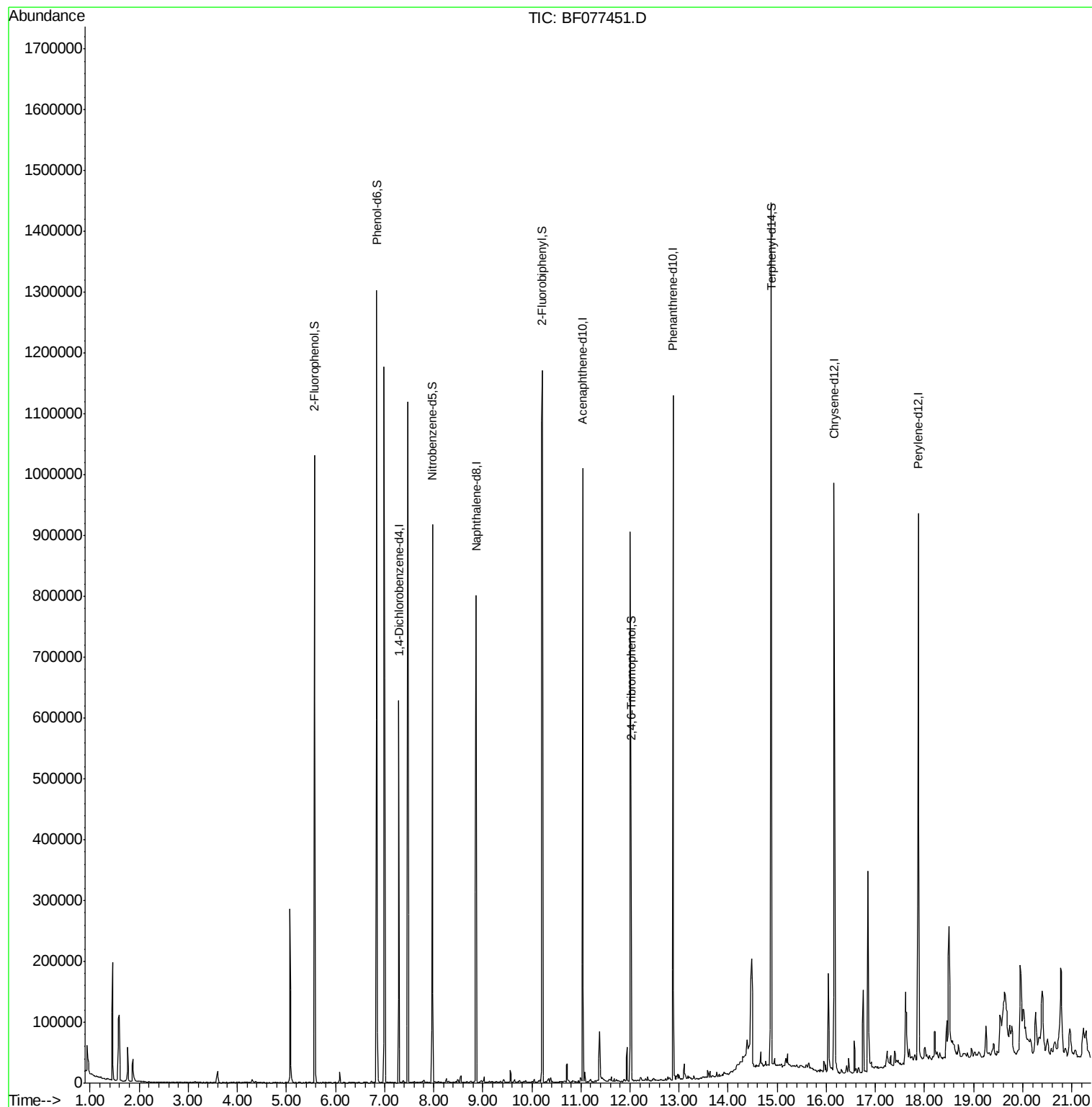
Target Compounds	Qvalue
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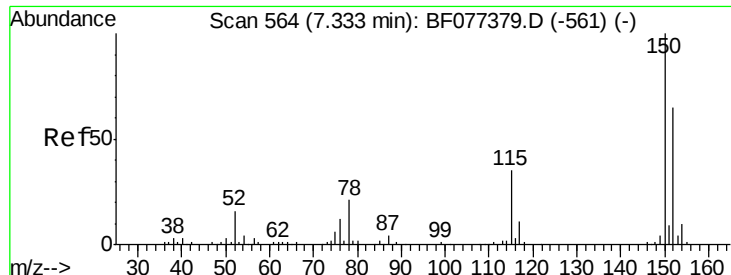
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.29 min Scan# 560

Delta R.T. -0.00 min

Lab File: BF077451.D

Acq: 26 Feb 2015 1:29

Instrument :

BNA_F

ClientSampleId :

TU012-SB-15-9.5

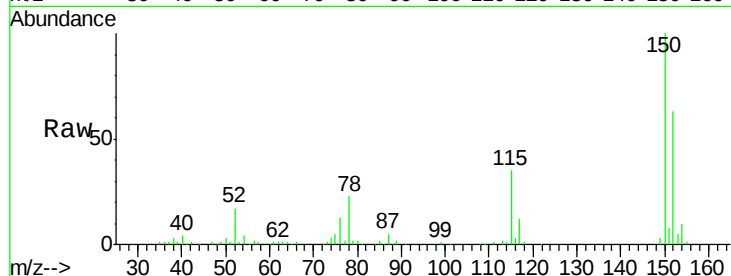
Tgt Ion:152 Resp: 97637

Ion Ratio Lower Upper

152 100

150 158.0 124.0 186.0

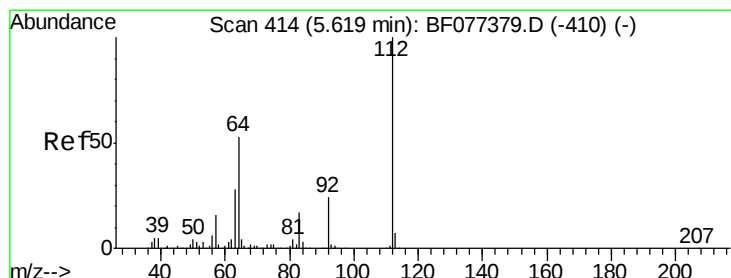
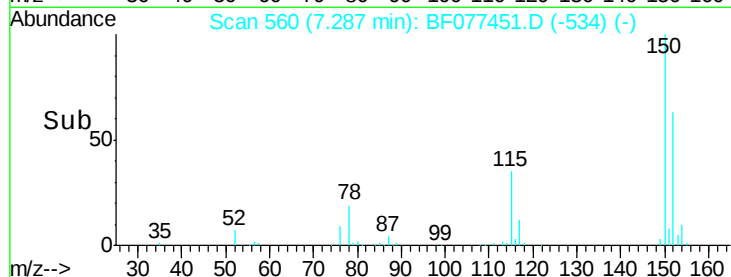
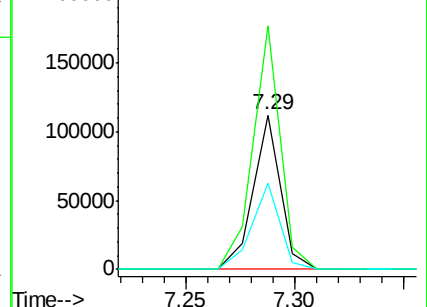
115 55.7 49.4 74.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 62.09 ng

RT: 5.57 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF077451.D

Acq: 26 Feb 2015 1:29

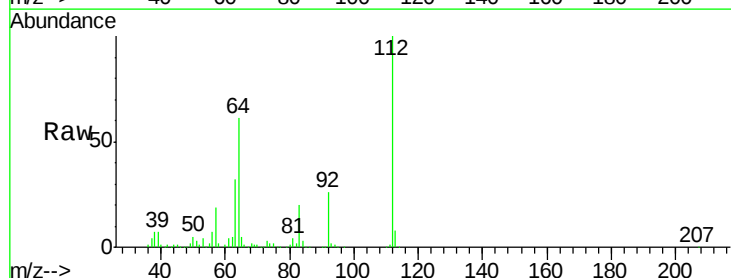
Tgt Ion:112 Resp: 363142

Ion Ratio Lower Upper

112 100

64 61.2 48.5 72.7

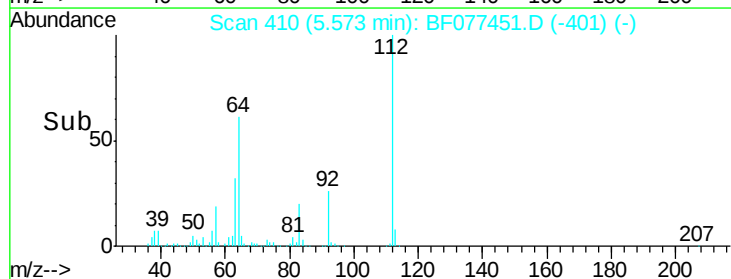
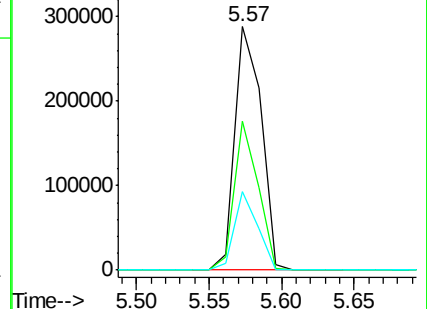
63 32.1 25.0 37.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 66.36 ng

RT: 6.84 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF077451.D

Acq: 26 Feb 2015 1:29

Instrument :

BNA_F

ClientSampleId :

TU012-SB-15-9.5

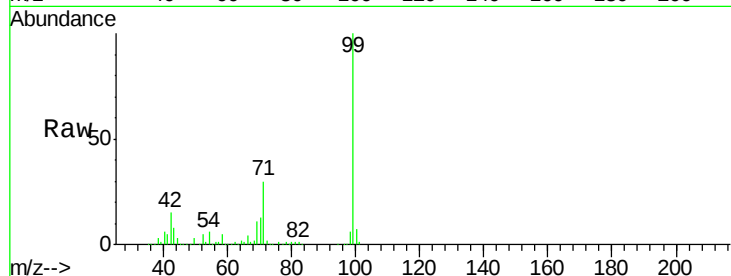
Tgt Ion: 99 Resp: 498999

Ion Ratio Lower Upper

99 100

42 15.4 16.2 24.4#

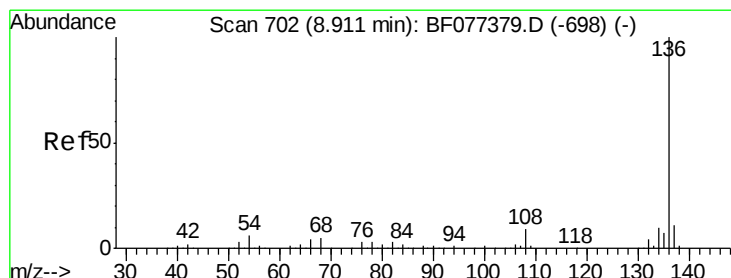
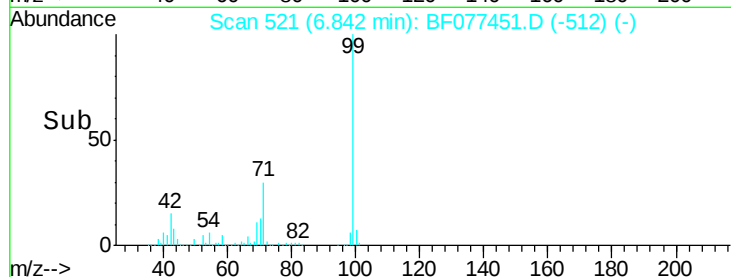
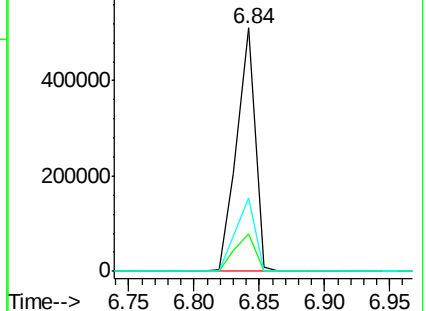
71 30.2 26.7 40.1



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.86 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF077451.D

Acq: 26 Feb 2015 1:29

Tgt Ion: 136 Resp: 398898

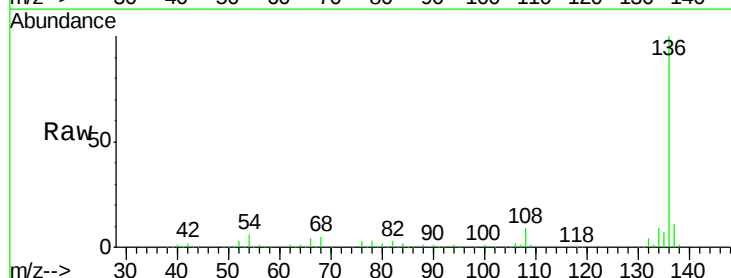
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 5.7 6.2 9.4#

68 4.8 5.0 7.6#

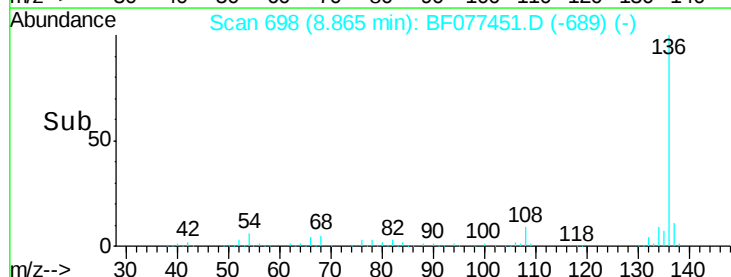
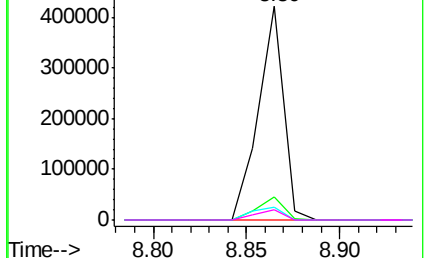


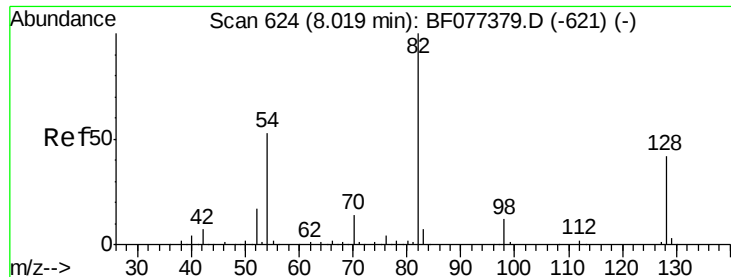
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

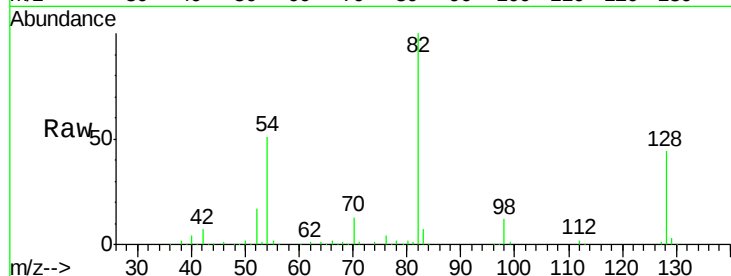




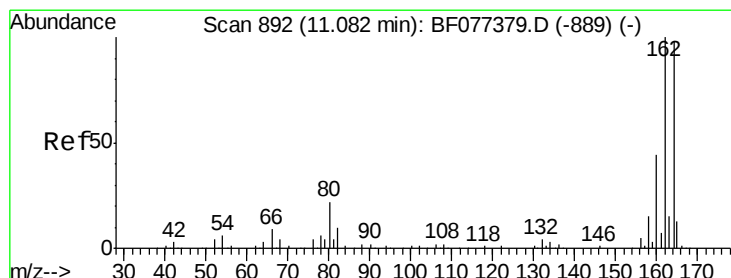
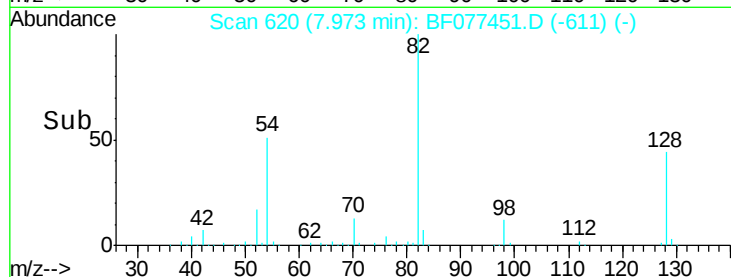
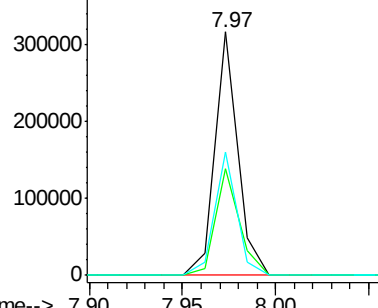
#23
Nitrobenzene-d5
Concen: 42.22 ng
RT: 7.97 min Scan# 620
Delta R.T. -0.00 min
Lab File: BF077451.D
Acq: 26 Feb 2015 1:29

Instrument :
BNA_F
ClientSampleId :
TU012-SB-15-9.5

Tgt Ion: 82 Resp: 270807
Ion Ratio Lower Upper
82 100
128 43.8 43.8 65.8#
54 50.6 36.7 55.1

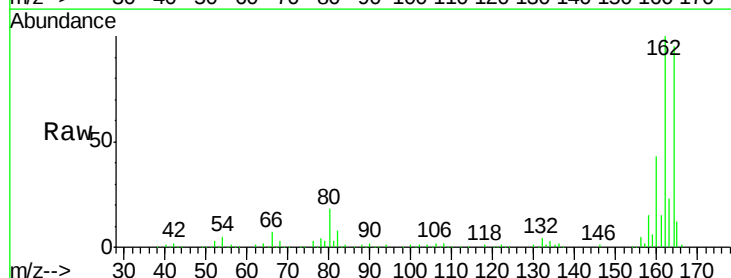


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

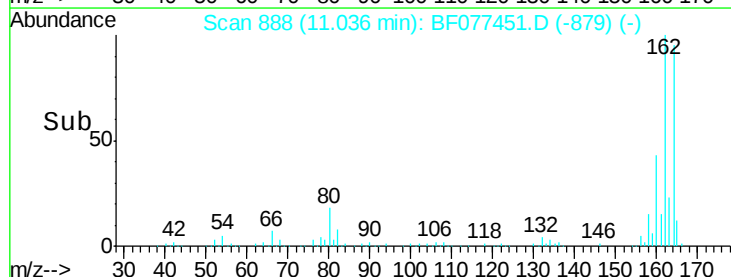
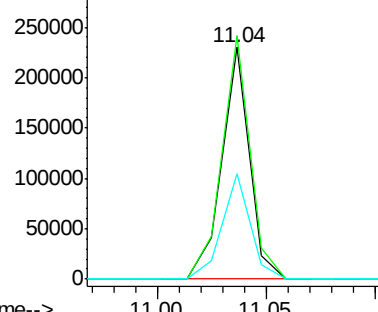


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.04 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF077451.D
Acq: 26 Feb 2015 1:29

Tgt Ion: 164 Resp: 202107
Ion Ratio Lower Upper
164 100
162 105.0 83.2 124.8
160 45.6 34.6 52.0



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

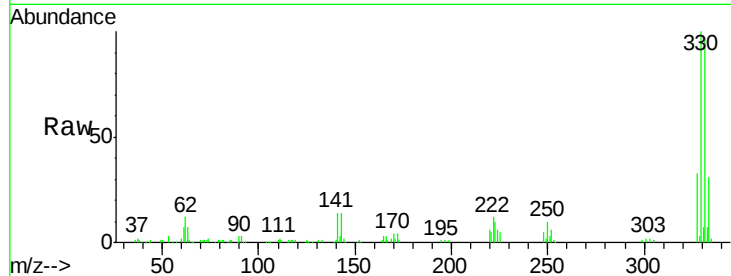




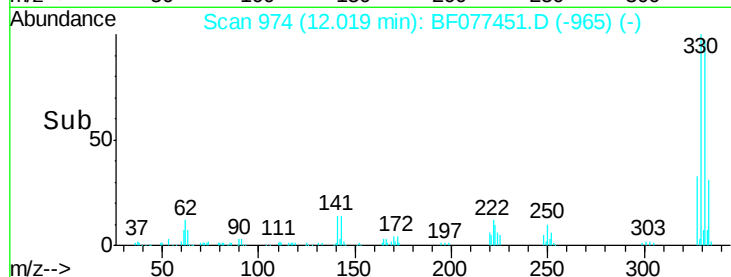
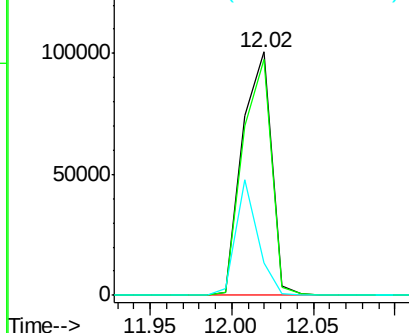
#41
 2,4,6-Tribromophenol
 Concen: 63.78 ng
 RT: 12.02 min Scan# 974
 Delta R.T. -0.00 min
 Lab File: BF077451.D
 Acq: 26 Feb 2015 1:29

Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-15-9.5

Tgt Ion:330 Resp: 124123
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.4 116.2
 141 35.9 28.8 43.2

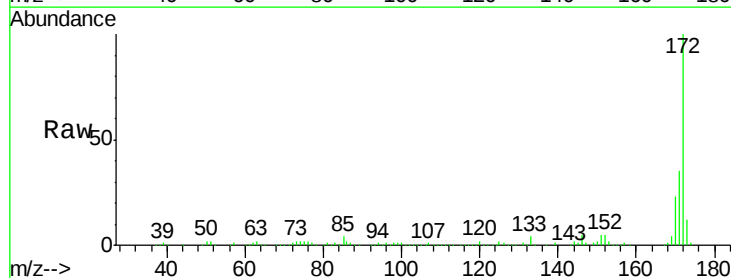


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

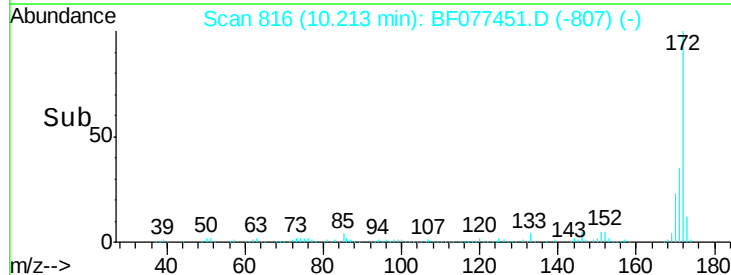
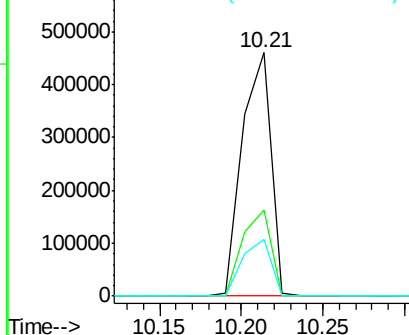


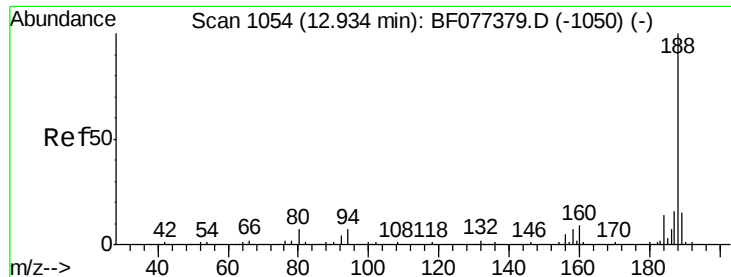
#44
 2-Fluorobiphenyl
 Concen: 43.20 ng
 RT: 10.21 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF077451.D
 Acq: 26 Feb 2015 1:29

Tgt Ion:172 Resp: 559919
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.9 43.3
 170 23.1 19.4 29.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

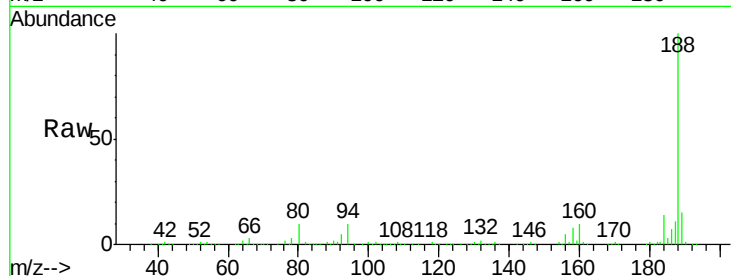




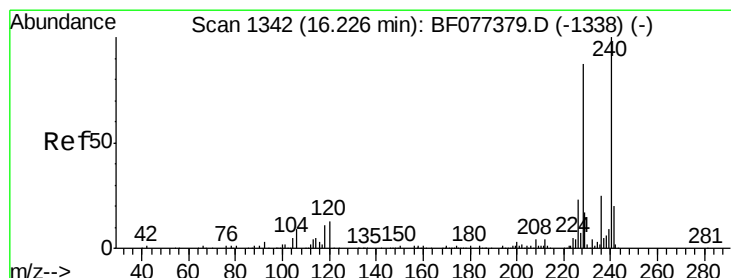
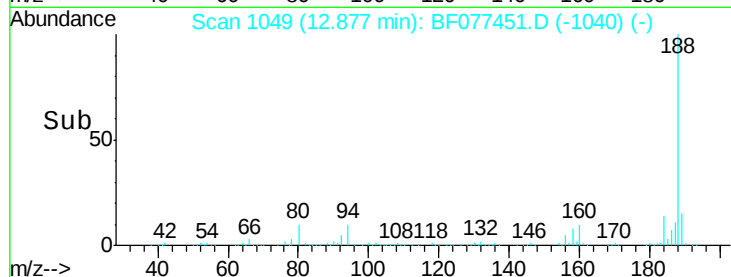
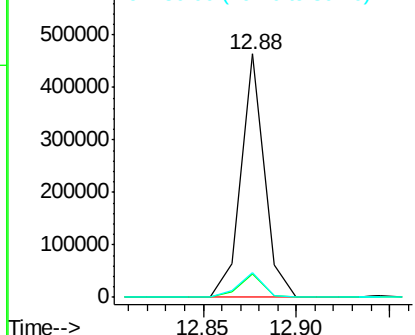
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.88 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF077451.D
Acq: 26 Feb 2015 1:29

Instrument :
BNA_F
ClientSampleId :
TU012-SB-15-9.5

Tgt Ion:188 Resp: 406039
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.2
80 10.1 8.0 12.0

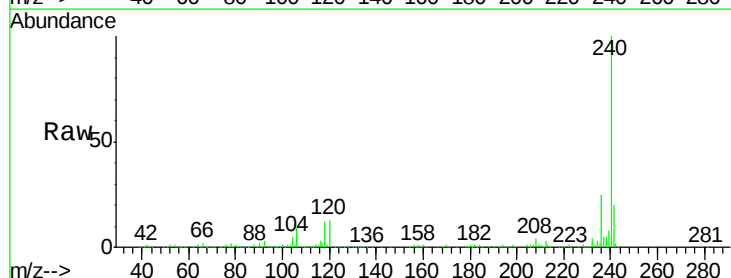


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

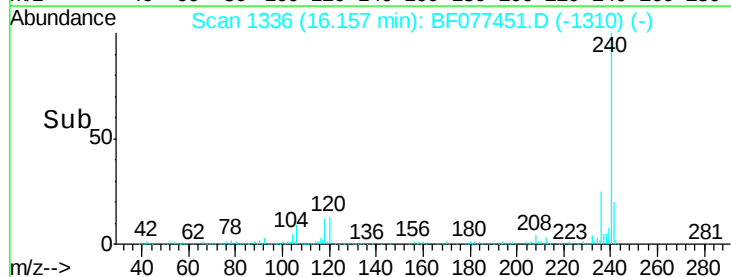
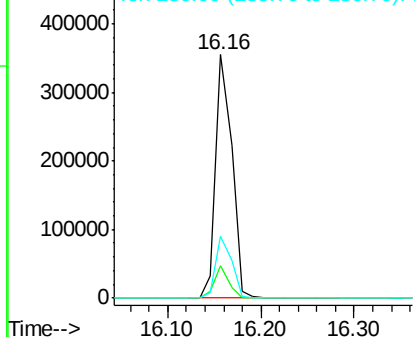


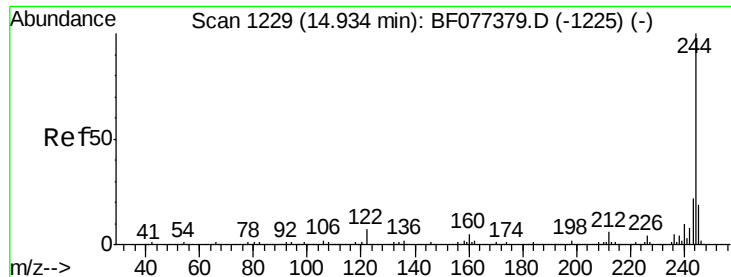
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.16 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF077451.D
Acq: 26 Feb 2015 1:29

Tgt Ion:240 Resp: 429975
Ion Ratio Lower Upper
240 100
120 13.3 8.8 13.2#
236 25.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

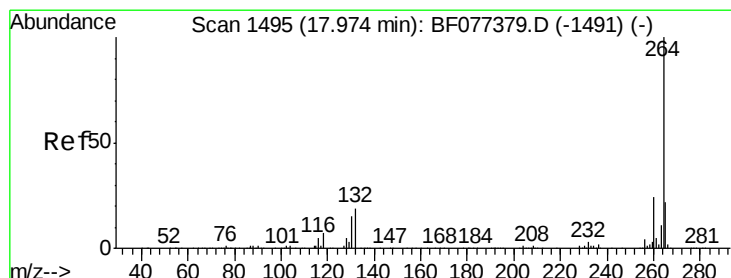
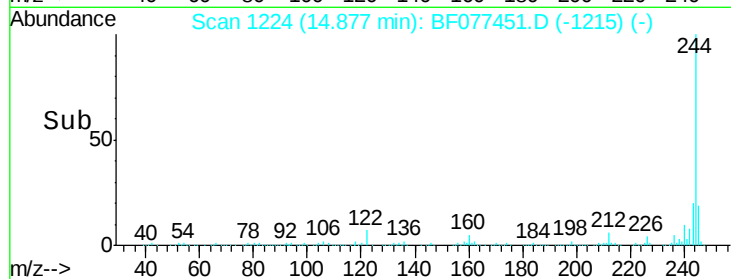
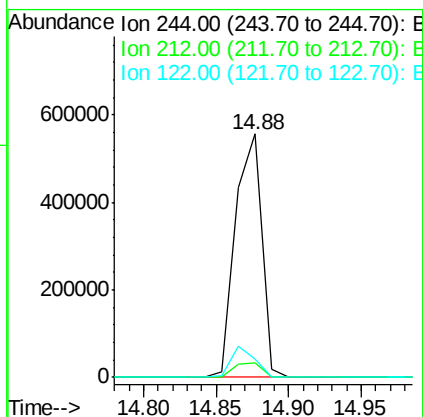
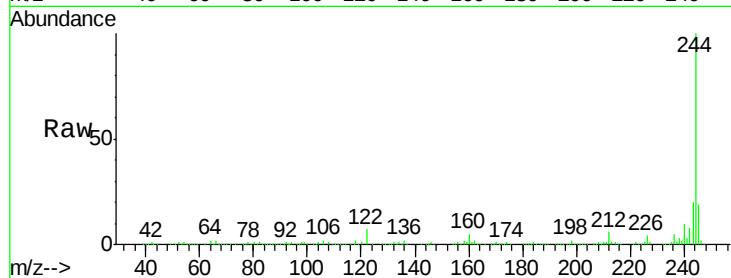




#78
 Terphenyl-d14
 Concen: 38.22 ng
 RT: 14.88 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF077451.D
 Acq: 26 Feb 2015 1:29

Instrument :
 BNA_F
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 TU012-SB-15-9.5

Tgt Ion: 244 Resp: 702953
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.2 7.8
 122 7.5 7.8 11.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.87 min Scan# 1486
 Delta R.T. 0.01 min
 Lab File: BF077451.D
 Acq: 26 Feb 2015 1:29

Tgt Ion: 264 Resp: 416788
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.3 28.9
 265 21.6 16.8 25.2

